

ANSWERS TO ADDITIONAL QUESTIONS REQUEST FOR QUOTE (RFQ) NNC10344654Q

Question A

NASA calls out a M39029/56-354 and for a 20awg socket in a 38999 series I connector, does not appear to be correct number. In addition due to material and socket design change request, contacts require requalification. TSEI request commercial version instead, no color band or color band per your requirement but not same code as Military.

NASA confirms that M39029/56-354 is not a valid number. The number on the first drawing was the correct number M39029/56-351 and is the appropriate number for a MIL-C-38999 Series I / 20 wire size socket contact. Drawing PE-1411-00041577-E-801, Rev B indicates the correct information and is part of the new amendment. For our application, color band is not required. In fact, we would prefer that the color band be excluded due to outgassing considerations. The commercial version may be substituted, but it must meet the basic functional and interchangeability requirements of the M code part. The proposal must clearly describe where substitutions were made and the rationale for the substitution.

Question B

A discrepancy is noted between how Question 7 was answered and what was shown in drawing PE-1411-00041577-E-801 Rev A

The answer to Question 7, second paragraph was incorrect and the drawing was correct. The answer to Question 7 (underline indicates drawing changes) should have been as follows:

Note 3 of Drawing PE-1411-00041577-E-801 paragraph 1 should read:

Mating Connector (High Vacuum Side):
MS27467G25F61S

Question C:

NASA had called out a M85049/49-2-24F however we do not believe that "F" is a designator for these strain reliefs?

The correct part number for the strain relief is M85049/49-2-24N which will appear on drawing PE 1411-00041577-E-801 REV B.

Question D:

NASA callouts MS27466G25F61P and MS27467G25F61S however to the best of our knowledge "G" is not an available material finish?

Since the bulkhead connector will be installed in a "clean" high vacuum environment, minimum outgassing of the connector is highly desirable. We have been informed that the "G" designation refers to a "space rated" connector classification where the connectors have an electroless nickel finish, and no lubricants or inks applied to any part of the connector.

Question E:

You callout protection cap MS27502F25; however, we believe that this is an incomplete part number?

The correct part number for the protection cap is MS27502F25A which will appear on drawing PE 1411-00041577-E-801 REV B.